Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Le Chatelier’s Principle Demo**

Predict, observe and explain the color changes when following stresses are applied to a system in chemical equilibrium as given by the following equation:

Co(H2O)6+2(aq) + 4 Cl-(aq) + heat  CoCl4-2(aq) + 6H2O(l) pink blue

|  |  |  |  |
| --- | --- | --- | --- |
| Stress | Predict | Observe | Explain |
| Adding HCl |  |  |  |
| Adding H2O |  |  |  |
| Adding heat |  |  |  |
| Removing heat |  |  |  |
| Cooling |  |  |  |